

CD17A 急充放电电容

Feature: Solder tags and screw terminals, suit for use in DC or pulse electronic circuits in electronic equipments such as welding equipments for energy storing

特性: 在点焊机等电子设备的直流或脉动电路中作储能用, 可提供焊片和螺栓两种引出端结构。



SPECIFICATIONS 主要技术性能

Item 项目	Performance Characteristics 性能参数		
Category Temperature Range 温度范围	-40~+85°C		
Working Voltage Range 工作电压范围	160~475Vdc		
Capacitance Range 电容量范围	225~6800 µF		
Capacitance Tolerance 电容量偏差	±20% (at 25°C and 120Hz)		
Dissipation Factor 损耗角正切 (tg δ) (at 25°C 120Hz)	Rated Voltage(V)	160 to 250	350 to 475
	tan δ (Max)	0.2	0.15
Leakage Current 漏电流	I=0.03CV or 5000 µA; whichever is smaller 取较小值(5min) I: Leakage current 漏电流(µA) C: Rated capacitance 额定电容(µF) V: Rated voltage 额定电压(V); The rated voltage impressed for 5 minutes 在额定电压下加压5分钟。		
Shelf Life 耐久性	After 1000000 times charge (duration:1.5s) and discharge (duration:1.5s) with rated voltage at +55°C, the capacitors shall meet the following requirement: 55°C 施加额定电压充放电100万次 (充电1.5秒, 放电1.5秒), 恢复至25°C后, 电容器应满足以下要求: Capacitance change 电容量变化率 ≤ ±20% of the initial value ±20% 初始值以内 Visual examination 外观 No visible damage and no leakage of electrolyte. 不击穿, 不漏液。		

Case size & Working Voltage

Vdc / µF	160	200	300	350	400	450	475
225						51 × 80	51 × 80
330						51 × 80 51 × 100	51 × 100
470						51 × 100	51 × 100
680				51 × 80	51 × 100	64 × 80	64 × 80
1100		42 × 100	51 × 80	64 × 80	64 × 80	64 × 100 64 × 120	64 × 100 64 × 120
1500	42 × 100	42 × 100	51 × 100	64 × 100	64 × 100	64 × 120	64 × 120
2200	42 × 100	51 × 80	51 × 100	64 × 100	64 × 100	64 × 130	64 × 140
3300	51 × 80	51 × 100	64 × 100	64 × 120	64 × 120		
4700	51 × 100	51 × 120	64 × 120				
6800	64 × 100	64 × 120					